

## **Individual Registrant Instructions**

Enclosed in this packet are the following:

- Instructions
- Satellite Downlink Information
- Agenda
- Evaluation/Self Assessment Form
- Return Cover Sheet

### **Ahead of Time**

- Be sure you are referring to the appropriate program time for **your** time zone!
  - 11:00 am – 1:30 pm EST (Eastern)
  - 10:00 am – 12:30 pm CST (Central)
  - 9:00 am – 11:30 am MST (Mountain)
  - 8:00 am – 10:30 am PST (Pacific)
- Make sure that your receiver equipment can receive the satellite. You need a steerable antenna capable of receiving either C or Ku band satellite transmissions. Please refer to the enclosed document entitled **Satellite Downlink Information** for coordinates.
- Plan to access the **TEST SIGNAL**, which will be broadcast **30 minutes prior to the start of the program**. Technical assistance will **ONLY** be available the day of the broadcast, during the test signal and program. The phone number is 1-800-442-4614, for satellite problems.
- Download the handouts. For easier downloading, each handout is posted separately.  
<http://www.phppo.cdc.gov/NLTN/ct111303.asp>

### **During the Program**

- You should have a copy of the Agenda, Handouts and Evaluation/Self Assessment Form
- Please note that there will NOT be a live question/answer session during the program

### **At the Conclusion of the Program**

- Complete the Evaluation/Self Assessment Form
- Mail or fax the Return Cover Sheet, Attendance Roster, and Evaluation/Self Assessment Form to:  
NLTN, attn: Kim Davis  
2121 W. Taylor St.     ***Please send in all forms no later than November 28, 2003***  
Chicago, IL 60612  
Fax: 312-793-3304  
Email: [kdavis@idph.state.il.us](mailto:kdavis@idph.state.il.us)
- We will **ONLY** send a CEU certificate to you if you have signed the Attendance Roster and turned in a completed Evaluation/Self Assessment Form.

## **Satellite Downlink Information**

### **PRE-BROADCAST TEST SIGNAL**

*Please note the appropriate time for your location!*

**November 13, 2003**

**30 minutes prior to the program.**

10:30 am – 11:00 am EST (Eastern)

9:30 am – 10:00 am CST (Central)

8:30 am – 9:00 am MST (Mountain)

7:30 am – 8:00 am PST (Pacific)

### **PROGRAM BROADCAST TIME**

*Please note the appropriate time for your location!*

**November 13, 2003**

11:00 am – 1:30 pm EST (Eastern)

10:00 am – 12:30 pm CST (Central)

9:00 am – 11:30 am MST (Mountain)

8:00 am – 10:30 am PST (Pacific)

*There will NOT be a live question/answer session.*

### **SATELLITE DOWNLINK COORDINATES**

#### **KU Band**

Satellite: SBS6

Longitude: 74 degrees west

Channel: 5

Downlink (Horizontal) Frequency 11823

Uplink (Vertical) Frequency: 14123

Audio Frequency: 6.2 and 6.8

Note:

Polarization is the same as Frequency

#### **C-Band**

Satellite: AMC-3

Longitude: 87 degrees west

Channel: 21

Downlink (Horizontal) Frequency: 4120

Uplink (Vertical) Frequency: 6345

Audio Frequency: 6.2 and 6.8

Note:

Polarization is the same as Frequency

### **TECHNICAL ASSISTANCE FOR SATELLITE PROBLEMS**

**1-800-442-4614**

Technical assistance, for satellite problems only, will be available  
**the day of the program, during the test signal and program.**

**IMPORTANT!!** Please be sure to **test your system ahead of time**, so that  
you can address any problems with the appropriate department at your institution.

**RETURN COVER SHEET**

Please include this sheet when you return the registration materials.

Mail or fax materials by November 28, 2003 to:

NLTN attn: Kim Davis  
2121 W. Taylor St.  
Chicago, IL 60612  
Fax: 312-793-3304

Your Name \_\_\_\_\_

Fax Number \_\_\_\_\_

\_\_\_ Enclosed is the Evaluation/Self Assessment Form

How did you learn about this program?

- \_\_\_ NLTN website
- \_\_\_ Received brochure in mail
- \_\_\_ PHTN website
- \_\_\_ Received brochure by email
- \_\_\_ Other: \_\_\_\_\_

Did you encounter any problems related to this satellite program? \_\_\_ Yes \_\_\_ No

If YES, please describe:

**Thank You!**

# **CHEMICAL TERRORISM PREPAREDNESS: THE BASICS November 13, 2003**

## **Program Objectives**

*At the conclusion of this program, participants will be able to:*

- List potential chemical agents and modes of transmission
- Describe short and long term medical consequences of human exposure to chemical agents
- Explain the role of the CDC, FBI, DOD and EPA related to chemical terrorism preparedness

## **Agenda**

### **Welcome and Introductions**

#### **Role of Department of Defense**

*Dennis Reutter, Ph.D.*

Chief, Edgewood Chemical/Biological Analytical Center,  
U.S. Army Soldier, Biological and Chemical Command

#### **Role of The Federal Bureau of Investigation**

*Doug Anders, Ph.D.*

Microbiologist, Hazardous Materials Response Unit  
Federal Bureau of Investigation

#### **Role of the Environmental Protection Agency**

*Mark Mjones*

Director, Emergency Response and Removal Center  
Office of Emergency, Prevention, Preparedness and Response

#### **Medical Consequences of Human Exposure to Chemical Terrorism Agents**

*Jimmie L. Valentine, Ph.D.*

Professor of Pediatrics and Pharmacology  
University of Arkansas College of Medicine

#### **Role of the Centers for Disease Control and Prevention**

*David Ashley, Ph.D.*

Chief, Emergency Response and Air Toxicants Branch  
Centers for Disease Control and Prevention

### **Closing Remarks**

## **Sponsoring Organizations**

### **National Laboratory Training Network**

A training system sponsored by the Association of Public Health Laboratories and the Centers for Disease Control and Prevention

### **Minnesota Department of Health, Public Health Laboratory**

### **University of Iowa Hygienic Laboratory**

### **Wisconsin State Laboratory of Hygiene**

**In cooperation with the Wisconsin Division of Public Health**

**Webcast provided by the Iowa Center for Public Health Preparedness**

**For information on additional programs, go to [www.nltm.org](http://www.nltm.org)**

## Chemical Terrorism Preparedness    November 13, 2003

### To Receive CEU Certificate

- Complete the following program evaluation and self-assessment. All information will be treated anonymously.
- Print your name and the address where you would like the certificate mailed. Include city, state, zip code.
- Fax or mail this page by November 28, 2003, to: NLTN, 2121 W. Taylor St., Chicago, IL 60612 fax 312-793-3304

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

### EVALUATION

AGREE	DISAGREE	OVERALL
		1. The course covered the objectives stated in the brochure / handouts
		2. The level of material presented was appropriate for my background
		3. The teaching methods used were appropriate to learning
		4. The facility was conducive to learning.
		5. Based on what I learned in the course, I plan to make changes in my work practice
AGREE	DISAGREE	I AM CONFIDENT I CAN ACHIEVE THE FOLLOWING OBJECTIVES:
		6. List potential chemical agents and modes of transmission
		7. Describe short and long term medical consequences of human exposure to chemical agents
		8. Explain the role of the CDC, FBI, DOD and EPA related to chemical terrorism preparedness
AGREE	DISAGREE	SPEAKER EVALUATION
		9. Dr. Valentine (Overview of Agents, Medical Consequences) demonstrated mastery in the topic
		10. Dr. Anders (Role of FBI) demonstrated mastery in the topic
		11. Dr. Ashley (Role of CDC) demonstrated mastery in the topic
		12. Dr. Mjoness (Role of EPA) demonstrated mastery in the topic
		13. Dr. Reutter (Role of DOD) demonstrated mastery in the topic

### SELF ASSESSMENT (will not be graded)

Following are agencies involved with chemical terrorism preparedness. Please write the letter of the agency next to its role.

A. CDC                      B. DOD                      C. EPA                      D. FBI

- \_\_\_ 1. Deploy mobile laboratories and personnel
- \_\_\_ 2. Testing of clinical samples
- \_\_\_ 3. Criminal investigation
- \_\_\_ 4. Containment, decontamination, restoration, waste disposal
5. All of the following statements are true EXCEPT:
  - \_\_\_ a. Acute and latent effects of chemical exposure are identical
  - \_\_\_ b. Urine and blood can augment information concerning toxic exposure(s) to chemicals
  - \_\_\_ c. Cholinesterase testing may indicate exposure to an organophosphate
  - \_\_\_ d. Human toxicity can be profound in a chemical terrorism attack
  - \_\_\_ e. Sarin is a nerve agent
6. True or False: The goals of human specimen testing are to determine if exposure has occurred and to identify the toxicant.